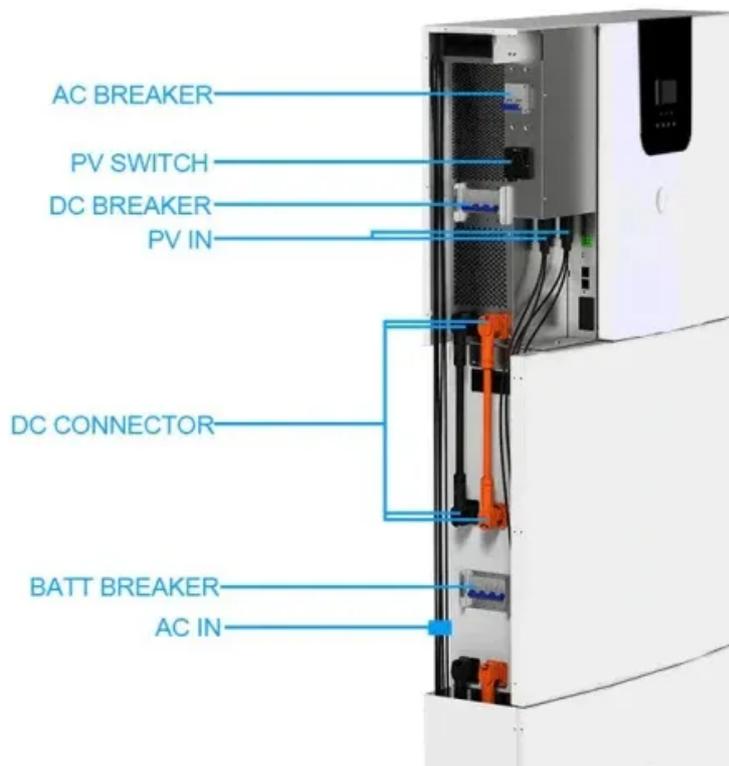


Battery Energy Storage in 2025



Overview

What is the future of battery energy storage?

Demand for energy storage continues to escalate, the global battery energy storage (BESS) landscape is poised for significant installation growth and technological advancements.

How big will energy storage be in 2025?

BloombergNEF forecasts a record 94 GW (247 GWh) of utility-scale storage in 2025—a 35% rise—driven by China’s storage mandates. US tariffs, policy shifts and LFP dominance will drive growth to 220 GW/972 GWh by 2035. The global energy storage sector is on track for another record year in 2025 as utility-scale projects expand into new regions.

Why is battery energy storage important in 2025?

As the world moves towards renewable energy, Battery Energy Storage Systems (BESS) have become essential for facilitating the global energy transition. In 2025, advancements in energy storage technology focus on enhancing energy reliability, stabilizing renewable sources, and reducing the carbon footprint of power grids.

Is energy storage on track for a record year in 2025?

The global energy storage sector is on track for another record year in 2025 as utility-scale projects expand into new regions. BloombergNEF (BNEF) forecasts that developers will add 94 gigawatts (247 gigawatt-hours) of battery capacity this year, a 35% increase over 2024 and the highest annual total to date (excluding pumped hydro).

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BESS demand drives lithium market tightness. Surge Battery Metals' Nevada project offers high-grade supply for U.S. energy storage growth.

From sodium-ion to the EV slowdown, the battery industry saw breakthroughs, setbacks and everything in between in 2025.

Deployed global capacity for the first half of 2025 culminates to 86.7 GWh of battery

energy storage system (BESS) capacity, representing a year-on-year increase of 54%.

The scene is set for significant energy storage installation growth and technological advancements in 2025. Outlook and analysis of ...

"` markdown Battery Energy Storage Trends in 2025 By Vineet Mittal JAs the world moves towards renewable energy, Battery Energy Storage Systems (BESS) have ...

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The global energy storage market is poised to hit new heights yet again in 2025. Despite policy changes and uncertainty in the world's two largest markets, the US and China, ...

The scene is set for significant energy storage installation growth and technological advancements in 2025. Outlook and analysis of emerging markets, cost and supply chain risk, ...

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With developers continuing to add new capacity, including 9.2 GW of new lithium-ion battery storage capacity in 2024 through November 2024 and comparable levels of growth ...

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